Configure Wi-Fi interface under Windows

1) Make sure the computer and printer are connected to the same Wi-Fi

2) Open the "Control Panel" and select "View devices and printers".

Adjust your computer's settings

View by: Category 🔻



3) Right-click the driver you installed and select "Printer Properties".



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4) Select the "Ports" tab.

-

			1	onts	F
Security	or Management	Advanced	Ports	Sharing	General
			E 4B-2054K	4BARCOD	3
			E 4B-2054K	4BARCOD	3

5) Click "New Port", select "Standard TCP/IP Port" from the pop-up tab, and then click "New Port"."

Printer Ports		×
Available port types:		
CITIZEN Port Monitor CITIZEN TCP/IP Port HP Standard TCP/IP Port		
Standard TCP/IP Port		
New Port Type	New Po	rt Cancel
COM8: Serial Port		
COM9: Serial Port		
FILE: Print to File	10000	****
WSD-c WSD Port	HP LaserJe	et Pro MFP M128fn
Add Port	Delete Port	Configure Port
Enable bidirectional supp	ort	
Enable printer pooling		

6) Click "Next" to go to the next step.

Add Standard TCP/IP Printer P	ort Wizard
	Welcome to the Add Standard TCP/IP Printer Port Wizard
	This wizard helps you add a port for a network printer.
	Before continuing be sure that: 1. The device is turned on. 2. The network is connected and configured.
	To continue, click Next.
	< Back Next > Cancel

7) Enter the IP address of the printer in the "Printer Name or IP Address" and then click "Next".

Add Standard TCP/IP Printer Port Wiza	rd			
Add port For which device do you want to ad	ld a port?			
Enter the Printer Name or IP ad	dress, and a port nam	e for the desire	d device.	
Printer Name or IP Address:	192.168.31.234]]
Port Name:	192.168.31.234			
		PI	Nets	Canad
		< Back	Next >	Cancel

8) Waiting for the detecting



9) Select "Custom" and click Next.

The device co	uld not be identified.	1
The device is not	found on the network. Be sure that:	
1. The device is t	turned on.	
2. The network i	s connected.	
3. The device is	properly configured.	
4. The address o	n the previous page is correct.	
in an and		
If you think the a address and perfo device type below	ddress is not correct, click Back to return to the prev orm another search on the network. If you are sure t v.	vious page. Then correct the the address is correct, select the
If you think the a address and perfo device type belov Device Type	ddress is not correct, click Back to return to the prev orm another search on the network. If you are sure t v.	vious page. Then correct the the address is correct, select the
If you think the a address and perfo device type belov Device Type O Standard	ddress is not correct, click Back to return to the prev orm another search on the network. If you are sure t v. Generic Network Card	vious page. Then correct the the address is correct, select the
If you think the a address and perfo device type below Device Type O Standard	ddress is not correct, click Back to return to the prev orm another search on the network. If you are sure f v. Generic Network Card Settings	vious page. Then correct the the address is correct, select the

10) Confirm IP address and protocols (the protocol should be "RAW") are correct and then click "Finish".

Add Standard TCP/IP Printer Port W	/izard	
	Completing the Printer Port Wi	Add Standard TCP/IP zard
	SNMP: Protocol: Device: Port Name: Adapter Type:	No RAW, Port 9100 192.168.31.234 192.168.31.234
	To complete this wizard,	click Finish. < Back Finish Cancel

11) Click "Finish" to exit, select the port you just configured, click "Apply" to save and click "Close" to exit.

F	onts		Tools		Abo	urt		
General	Sharing	orts	Advanced	Col	or Management	Sec	urity	
8	4BARCODE 4E	1-2054K						
Print to the checked Port	he following po port.	rt(s). Do Desc	ription	rint to	Printer		^	
2 192.1	192.168.31.234		192.168.31.234 Standard TCP/IP Port		t			
POR	TPROMPT:	Loca	Local Port		Microsoft Print to PDF			
nul:		Local Port			OneNote (Desktop)			
HPL.	JM127_128_Fax.	. Loca	l Port		HP LaserJet Pro	MFP N	6	
AD_F	Port	Loca	Port		AnyDesk Printer	r:		
CON	110:	Loca	l Port				~	
<						>		
Ad	ld Port		Delete Port		Configure	Port		
⊡ Enable	bidirectional s	upport						
Enable	e printer pooling	li i						

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12) Return to the "General" tab and click "Print Test Page" to test if it prints correctly.

Ganaral	onts		lools	Abou	ıt
General	Sharing	Ports	Advanced	Color Management	Security
3	4BAR	CODE 4B-2	054K		1
Location:					
Commen	t				
Model:	4BARC	CODE 48-20	054K		
Feature	s No		Paper a	available:	
Color:	-sided: No				~
Color: Double					
Color: Double Staple:	No				
Color: Double Staple: Speed:	No Unknown				
Color: Double Staple: Speed: Maxim	No Unknown um resolutio	on: 203 dpi			~

Configure Wi-Fi with diagnostic tool under Windows

1) Connect the printer to the computer via USB and then turn on the printer's power.

2) Open the "Diagnostic Tool" on your computer and click the "Get Status" in the upper right corner to get the status of the printer.



anguage English v	Unit ● inch ○ mm	USB	V Setup	rinter Status
ter Configuration File Manag	er Command Tool System Prin	nter Settings		
Printer Function	Printer Configuration Printer Infoormation			
Calibrate Sensor	Version		Cutting Counter	
Ethernet Setup	Serial NO	Check Sum	Mileage	
20	Common Z D	RS-232 BT/WIFI		
RTC Setup	Speed		Ribbon	~
Factory Default	Density		Ribbon Sensor	~
and News W	Paper Width Paper Height	inch	Code Page	×
Reset Printer	Media Sensor	·	Country Code	~
Print TestPage	Gap	inch	Hea-up Sensor	Ý
	Gap Offset	inch	Reprint After Error	× .
Configuration Page	Post-Print Action	~	Gap Inten	inch
Dump Text	Reference		Bline Inten	
Issors AUTO BAS	Direction	~ ~	Continuous Inten	
ignore Auro. DAS	offset		Threshold Detection	1 ×
Password Setup	Shift Y			
Exit Line Setup	Clear	Load	Save	Set Get

3) Go to the "BT/WIFI" tab as shown in the picture to the configure Wi-Fi of the printer.

anguage	Unit	Interface	Printer Status
English ~	Inch O mm	USB V Setup	Standby Get Status
nter Configuration File Manage	er Command Tool System Printer Se	ttings	
Printer Function	Printer Configuration		
Calibrate Sensor	Version	Cutting Cou	unter
Ethornat Catur	Serial NO	Check Sum Mileage	
Ethemet Setup	Common Z D RS-2	32 BT/WIFI	
RTC Setup	Bluetooth	WIFI	
	Bluetooth Name	AP	
Factory Default	Bluetooth PIN	Name	Encryption V
Reset Printer	BT MAC Address	PIN	MAC
	BT Software		
Print TestPage		STA	
Configuration Page	WIFI STA DHCP	indine [
ooningaration r age	DHCP	~ [P	MAC
Dump Text	IP	Scan	Conn Get Ver
	Mask		
Ignore AU IO.BAS	Gateway		
Password Setup			
Exit Line Setup	Clear	Load Save	Set Get

4) Click on "scan" to search Wi-Fi information.

anguage	Unit	Interface	Pri	nter Status
English 🗸 🗸	● inch ○ mm	USB ~	Setup	Standby Get Statu
inter Configuration File Mana	ger Command Tool System Printer	Settings		
Printer Function	Printer Configuration			
Calibrate Sensor	Version		Cutting Counter	
Ethernet Setun	Serial NO	Check Sum	Mileage	
Ellenner octap	Common Z D RS	232 BT/WIFI		
RTC Setup	Bluetooth		WIFI	
Factory Default	Bluetooth Name Bluetooth PIN		AP Name	Encryption V
Reset Printer	BT MAC Address		PIN IP	MAC
Print TestPage			STA	
Configuration Page	WIFI STA DHCP	~	Name IP	
Dump Text	IP		Scan Conn	Get Ver
Ignore AUTO.BAS	Gateway		7,0x14E6E49627CA 8,0xC850E9BB41AA 9,0x50642B01FAB0	6,4,wifi,-62 ,,5,4,ChinaNet-LnC9,-73 6,4,Xiaomi_FAAF,-37
Password Setup			10,0xF0B4295580B0 11,0x048D383AC86	1,7,4,XIaom(_80AF,-72 3,6,2,Admin,-91
Exit Line Setup	Clear	Load	Save	Set Get

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5) Select the corresponding Wi-Fi and enter the password and click "Conn" to connect.

inguage	Unit	Interface	· · · · · · · · · · · · · · · · · · ·	Print	er Status	1.11
English 🗸 🗸	● inch ○ mm	USB	~ Setup		Standby	Get Status
ter Configuration File Manag	er Command Tool System Prin	ter Settings				
rinter Function	Printer Configuration					
Calibrate Sensor	Version		Cutting	Counter		
Ethernet Setun	Serial NO	Check Sum	Mileage			
Laternet betap	Common Z D	RS-232 BT/WIFI				
RTC Setup	Bluetooth		WIFI			
Factory Default	Bluetooth Name		AP	ne	Encryption	~
and share to	BT MAC Address		PIN		MAC	
Reset Printer	BT Software		IP			
Print TestPage			STA			
	WIFI STA DHCP		Nan	ne Xiaomi_FAAF	PIN	****
Configuration Page	DHCP	~	IP		MAC	
Dump Text	IP		Scar	n Conn Ge	et Ver	
	Mask		7,0×1	4E6E49627CA,6,	4, wifi, -62	^
ignore Au IO.BAS	Gateway		9,0×5	0642B01FAB0,6,	4,Xiaomi_FAAF,-37	
Password Setup			11,0x	048D383AC863,6	5,2,Admin,-91	~
Exit Line Setun	Clear	Load	Save		Set	Get

6) The IP address of the printer will be displayed later in the IP box below the diagnostic tool.

anguage		Unit		Ir	terface		_	-	Printer	Status		
English	~	inch	⊖ mm	L	ISB	~	Setup		0	Standby		Get Status
nter Configuration F	ile Manager	Command Tool	System Printer :	Settings								
Printer Function		Printer Configura	tion									
Calibrate Sens	or	Version	non				Cutting Co	unter				
Ethomat Oatum		Serial NO		Check Su	m		Mileage	j,				
Ethernet Setup	D	Common Z	D RS-	232 BT/W	IFI							
RTC Setup		Bluetooth					WIFI					
		Bluetooth 1	lame]		AP					
Factory Defau	ilt	Bluetooth F	PIN]		Name			Encryption	1	~
Reset Printer	r	BT MAC A	ddress]		PIN			MAC		
		BT Softwa	re									
Print TestPag	е						STA	No.		- DB1	********	
Operation D		WIFI STA DH	CP				Name	Xiaomi_r	FAAF			
Conliguration Pa	age	DHCP		~			IP	192.168	.31.234	MAC		
Dump Text		P]		Scan	Conn	Get	Ver		
		Mask]		7,0x14E	6E49627	CA,6,4,1	wifi,-62		^
Ignore AUTO.BA	4S	Gateway					8,0xC85 9,0x506	0E9BB41 42B01FA	AA,5,4 B0,6,4,	ChinaNet-LnC Kiaomi_FAAF,-	29,-73 -37	
Password Setu	ip						10,0xF0 11,0x04	B429558 8D383AC	0B0,7,4 863,6,2	,Xiaomi_80AF, ,Admin,-91	,-72	~
Exit Line Setup	2	Clear			Load	s	ave			Set		Get

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Mac driver installation for Wi-Fi

- 1. Configure the printer's Wi-Fi and get the printer's IP address.
- 2. Make sure the computer and printer are connected to the same Wi-Fi
- 3. Install the printer driver correctly.
- 4. Open the "Printer & Scanner" in "Settings".

•••	Printers & Scan	ners	Q, Search	_
	t Clici	No printers are availa < Add (+) to set up a	ible. printer.	
	Default printer:	Last Printer Used	0	
	Default paper size:	A4	0	?

5. Click the "+" symbol to add printer.



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6. Turn to "IP" tab, enter the IP address of the printer and select the protocol as "HP Jetdirect - Socket".

Mar .	C Search	5 - 52 4 PU
t IP V	Vindows	Search
Address:	192.168.31.234	
1	Verifying address	
Protocol:	HP Jetdirect - Socket	
Queue:		
	Leave blank for default queue.	
	Leave blank for default queue.	
	Leave blank for default queue.	
Name:	Leave blank for default queue.	
Name: Location:	Leave blank for default queue.	
Name: Location: Use:	Leave blank for default queue. 192.168.31.234 Generic PostScript Printer	

7.Click "Use" and choose "Other".

		Add		
. 🛞	-	Q Search		
ult IP V	Vindows		Search	
Address	192 168 31 234			
2 ⁴⁴	Verifying address			
Desteration	UD totalisest	Cashat		
Protocol:	HP Jetairect -	SOCKEL		¥
Queue:				
	Leave blank for de	fault queue.		
Name:	192.168.31.234			
Location	Auto Select			
Use	Generic PostS	cript Printer		
	Generic PCL P	rinter		
	Select Softwar	e		
	Other			
				nud

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8. Select the corresponding ppd file "4B-2054K.pdd", click "OPEN", and then click "Add" to confirm.



9. Click "OK"

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00			Add
Q		THE OWNER	Q Search
Default	IP	Windows	Search
	6	Setting Make s	g up '192.168.31.234' ure your printer's options are accurately shown here so you e full advantage of them.
			Measurement Units: Automatic 📀
			Cancel
_	_		

10. A prompt as shown below indicates that the addition was successful.

	Printers & Scanners	Q Search
Printers 192.168.31.234 Idle, Last Used	192.168.3 Open F Options	Print Queue s & Supplies
	Location: Kind: 4B-2054K Status: Idle	
+	Share this printer on the new printer on the new printer on the new printer on the new printer of the new	stwork Sharing Preferences
	Default printer: Last Print	ter Used 📀
	Default paper size: A4	?

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